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Part Number: [47596-0132](#)
Status: **Active**
Description: 0.91mm by 0.91mm Pitch LGA 1156 Desktop PC CPU Socket, 0.381µm Gold (Au) Plating, with Pick-and-Place Cover, 1156 Circuits, Lead-Free, Alignment Key Height 0.75mm

Documents:

[3D Model](#) [Product Specification PS-47596-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family Processor Sockets
 Series [47596](#)
 Component Type Socket
 Product Name LGA1156

Physical

Circuits (Loaded) 1156
 Color - Resin Black
 Durability (mating cycles max) 20
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Resin High Temperature Thermoplastic
 Packaging Type Tray
 Pitch - Mating Interface 0.91mm
 Plating min - Mating 0.381µm
 Temperature Range - Operating -25°C to +100°C
 Termination Interface: Style Solder or Weld

Electrical

Current - Maximum per Contact .5A
 Voltage - Maximum 5V

Solder Process Data

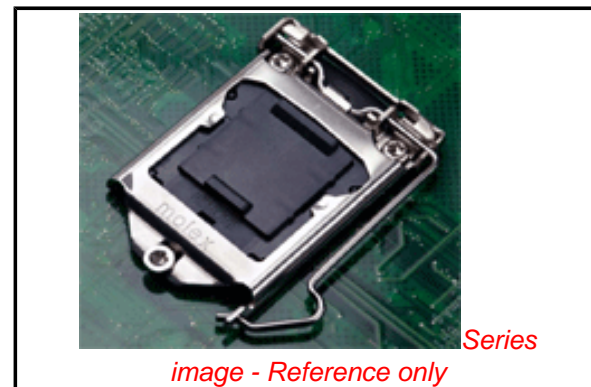
Duration at Max. Process Temperature (seconds) 3
 Lead-free Process Capability Reflow Capable (SMT only)
 Max. Cycles at Max. Process Temperature 1
 Process Temperature max. C 250

Material Info

Reference - Drawing Numbers

Product Specification PS-47596-001
 Sales Drawing SD-47596-001

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EU RoHS

**ELV and RoHS
 Compliant**
**REACH SVHC
 Contains SVHC: No
 Low-Halogen Status
 Low-Halogen**

China RoHS



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[47596Series](#)

Mates With

Intel* Nehalem Processor